

# **NEW 328 BED WOMEN'S PRISON COMPONENT 'A'**



- **COMPONENT 'A' NARRATIVE**
- **PROPOSED DRAWINGS**
- **COST ESTIMATE**
- **FUNCTION & AREA SUMMARY**
- **OPERATING BUDGET**
- **STAFFING ANALYSIS**

**COMPONENT 'A' NARRATIVE****SUMMARY OF OPTIONS - NEW 328 BED WOMEN'S PRISON**

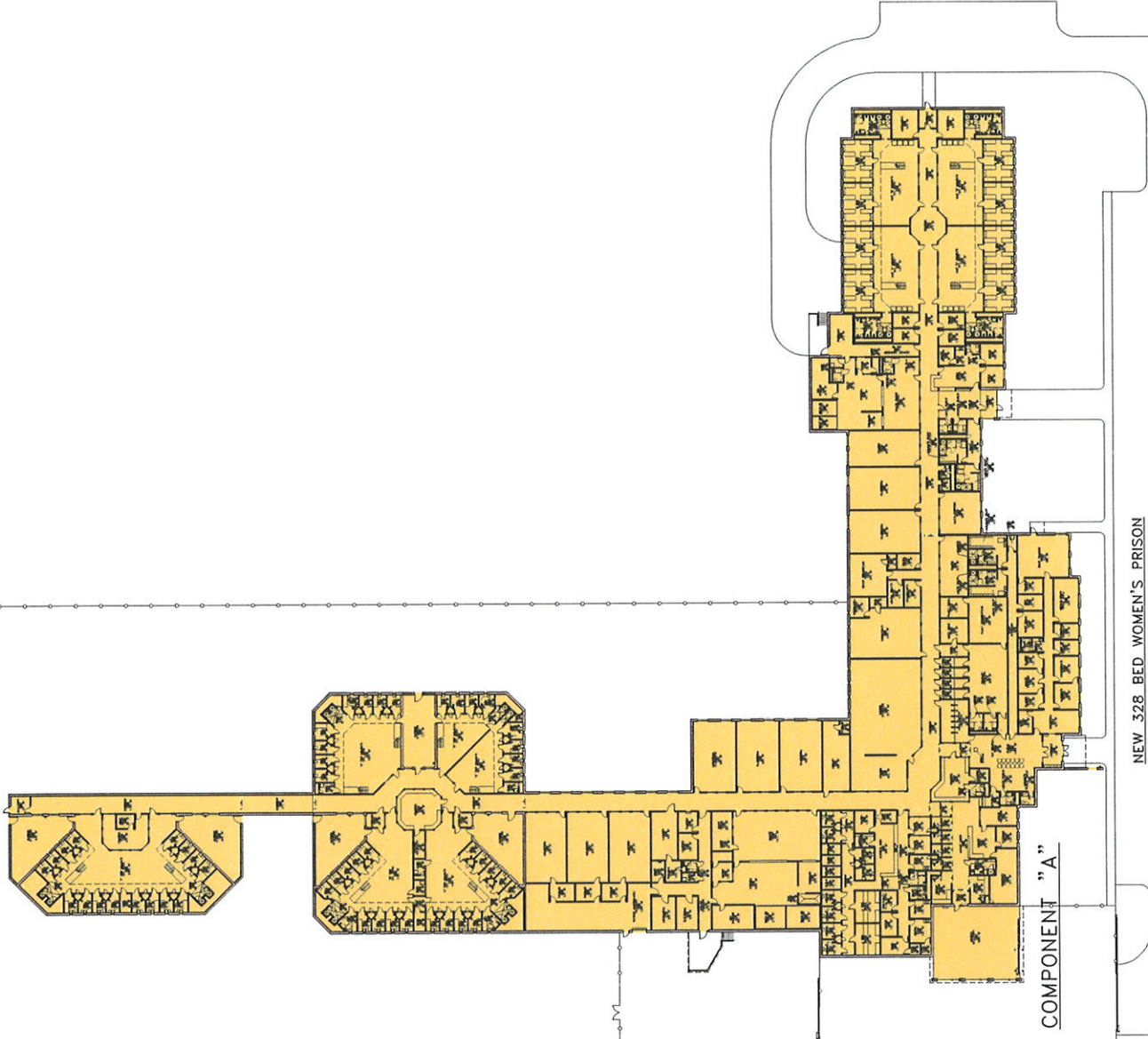
A thorough study of all of the State of New Hampshire's existing facilities yielded several significant needs, the largest, based on existing conditions, current population and projected growth over the period of the Master Plan study is to construct a new women's prison to replace the existing facilities located at Goffstown, NH and Shea Farm in Concord. The existing New Hampshire State Prison for Women (N.H.S.P/W) is a multi-custody facility housing state sentenced female offenders ages 17 and above. Currently, the State of New Hampshire leases a former county jail from the Hillsborough County Department of Corrections. The existing N.H.S.P/W has been located at this leased facility since 1987. Although this facility is well maintained by Department staff, it lacks both bed and program space to meet not only projected, but current needs. Currently, in addition to the Goffstown and Shea Farm facilities, due to overcrowding, the State has an agreement with Strafford County to house up to 37 female inmates at the Strafford County Department of Corrections Facility.

Compounding the difficulties of the overcrowding and the lack of program space at the N.H.S.P/W, is an inefficiency of housing unit size requiring heavier staffing and resulting in added operations costs. The typical hard cell housing units at the existing facility are 16 and 24 beds. The existing dormitories range from 6 person to 14 person rooms. To maximize on staffing efficiency, particularly on 3rd. shift, the ideal size of a unit for C-3 classified inmates can be as much as 128 in one unit. Given the generally limited population of female inmates vs. male inmates and the need for flexibility to handle various classifications, the recommended unit size for C-3 inmates, under this proposal, is 40 beds with smaller units for the higher security classifications. The recommended dormitory size for C-1 and C-2 inmates is 32 beds each.

Component 'A' of this Comprehensive Master Plan address the needs for the States female population. The hard cell portion of Component 'A' specifically addresses the needs of the C-3, C-4 and C-5 classifications. The dormitory portion addresses the C-1 and C-2 classifications appropriate for this type housing. It is the intention of this recommendation that both portions of Component 'A' are constructed together as one overall building, sharing support and program services. Volume 2 - Appendix, of this Comprehensive Master Plan, Tab 4, includes a narrative of building systems, by facility, and summarizes recommended maintenance costs on a 0-1 year, 2-5 year and 5-10 year format. Proceeding with this Component 'A' recommendation will avoid continuing to invest money for maintenance into a leased facility which is not owned by the state.

Under this recommendation, the existing Goffstown facility would be closed down and revert back to Hillsborough County and the existing Shea Farm Transitional Housing Unit would be closed down due to it being a generally unsafe, overcrowded, staff inefficient facility in need of major renovations to meet current correctional standards for the safe housing of inmates. Additionally the inmates being housed at Strafford County would now be housed at this new women's prison and therefore all of the states female inmate population would be housed in one new, safe, efficient facility.





NO.	DATE	REVISIONS


NEW HAMPSHIRE DEPARTMENT OF CORRECTIONS  
NEW WOMEN'S PRISON & WOMEN'S WORK RELEASE FACILITY



**CRABTREE ROHRBAUGH & ASSOCIATES ARCHITECTS**  
401 EAST WINDING HILL ROAD  
MECHANICSBURG PA 17055  
717-458-0272 FAX 717-458-0047  
250 WEST MAIN STREET SUITE 200  
CHARLOTTEVILLE VA 22902  
434-975-7262 FAX 434-975-7263  
www.cra-architects.com

PROJECT  
2118.6  
A1.1  
DATE  
1/11/11



NEW 328 BED WOMEN'S PRISON



**CRABTREE ROHRBAUGH & ASSOCIATES ARCHITECTS**

**CHABITHEE HUNDBAGH & ASSOCIATES**  
401 EAST WINDING HILL ROAD | 250 WEST MAIN STREET, SUITE 200

MECHANICSBURG PA 17055  
CHARLETTESVILLE VA 22902

**www.cra-architects.com**

[illegible]

COMPONENT NO. SECOND FLOOR PLAN	DATE	BY	REVISION

PROJECT  
2118.6

## A1.2



**THE STATE OF NEW HAMPSHIRE**

7/10/2008

DEPARTMENT OF ADMINISTRATIVE SERVICES

BUREAU OF PUBLIC WORKS DESIGN &amp; CONSTRUCTION

DEPARTMENT OF CORRECTIONS - COMPREHENSIVE MASTER PLAN

**PROJECT COST ESTIMATE****ESTIMATE DATE**

7/10/2008

**COMPONENT****A'****NEW 328 BED WOMENS PRISON - C-1, C-2, C-3, C-4 & C-5 HOUSING****COST ESCALATION SET AT:**

5% PER YEAR

0.42% PER MONTH

**DESIGN PERIOD****CONSTRUCTION PERIOD****CONSTRUCTION MID POINT**

12 MONTHS

24 MONTHS

24 MONTHS

**BUILDING AREA**

BASEMENT

1ST FLOOR

1ST FLOOR MEZZANINE

2ND FLOOR

2ND FLOOR MEZZANINE

OUTDOOR EXERCISE @ 50%

CANOPY @ 50%

**TOTAL****RENOVATION**

-

-

-

-

-

-

-

-

**NEW**

90,052

-

21,688

-

3,000

998

115,738

**TOTAL**

-

90,052

-

21,688

-

3,000

998

115,738

**STRUCTURE COST**

NEW CONSTRUCTION

RENOVATION

ASBESTOS ABATEMENT

DEMOLITION

**SUBTOTAL**

115,738 SF @

- SF @

- SF @

- SF @

\$ 210 /SF

\$ 90 /SF

\$ - /SF

\$ - /SF

\$ 24,304,875

\$ -

\$ -

\$ -

\$ 24,304,875

**SITE COST**

\$ 24,304,875 @

10%

\$ 2,430,488

**SUBTOTAL CONSTRUCTION COST**

\$ 26,735,363

**REGIONAL CONSTRUCTION FACTOR**

1 \$ 26,735,363

**ESCALATION TO MID POINT**

10.0% \$ 2,673,536

**TOTAL ADJUSTED CONSTRUCTION COST**

\$ 29,408,899

**CONTINGENCY**

10% \$ 2,940,890

**INSPECTION & TESTING**

2% \$ 588,178

**TOTAL CONSTRUCTION COST**

\$ 32,937,967

**SOFT COSTS****BUILT IN EQUIPMENT**

3% \$ 882,267

**LOOSE EQUIPMENT AND FURNISHINGS**

3% \$ 882,267

**DESIGN & ENGINEERING FEES**

8% \$ 2,352,712

**TOTAL SOFT COSTS**

\$ 4,117,246

**TOTAL PROJECT COST**

\$ 37,055,212



**THE STATE OF NEW HAMPSHIRE****7/10/2008****DEPARTMENT OF ADMINISTRATIVE SERVICES****BUREAU OF PUBLIC WORKS DESIGN & CONSTRUCTION****DEPARTMENT OF CORRECTIONS - COMPREHENSIVE MASTER PLAN****SUMMARY OF OPTIONS - FUNCTION & AREA SUMMARY**

ROOM NUMBER	COMPONENT	# OF UNITS	AREA PER UNIT	NET AREA
<b>COMPONENT "A" C-3, C-4 &amp; C-5 Housing - F.Y. 2010-2011</b>				
<b>PROPOSED NEW N. H. STATE PRISON FOR WOMEN</b>				
<b>1.000</b>	<b>FACILITY ADMINISTRATION</b>			
<b>1.100</b>	<b>Public Areas</b>			
1.101	Vestibule	1	165	165
1.102	Weapon's Lockers	1	10	10
1.103	Visitor's Lockers	1	30	30
1.104	Public Lobby	1	1000	1000
1.105	Visitor's Seating	1	100	100
1.106	Public Toilets (ADA accessible)	2	60	120
1.107	Sally Port	1	115	115
1.108	Metal Detection	1	25	25
	<b>Subtotal</b>			<b>1,565</b>
<b>1.200</b>	<b>Administration Offices</b>			
1.201	Reception/Administration Support	1	335	335
1.202	Warden's Office	1	200	200
1.203	Conference Room	1	200	200
1.204	Work Room	1	100	100
1.205	Inmate Records	1	190	190
1.206	Staff Toilet ADA accessible)	1	45	45
1.207	Break Area	1	45	45
1.208	Classifications Office	2	120	240
1.209	Case Counselor/Case Manager	2	120	240
	<b>Subtotal</b>			<b>1,595</b>
<b>1.000</b>	<b>FACILITY ADMINISTRATION SUBTOTAL</b>			<b>3,160</b>
<b>2.000</b>	<b>SECURITY OPERATIONS</b>			
<b>2.100</b>	<b>Security Operations</b>			
2.101	Chief of Security	1	120	120
2.102	Hearings Room/Briefing/Staff Break Room	1	345	345
2.103	Shift Commander's Office	1	205	205
2.104	Operations Sergeant	1	120	120
	<b>Subtotal</b>			<b>790</b>
<b>2.200</b>	<b>Staff Services</b>			
2.201	Men's Staff Lockers	1	80	80
2.202	Men's Staff Showers	1	40	40
2.203	Men's Staff Toilets	1	175	175
2.204	Women's Staff Lockers	1	110	110
2.205	Women's Staff Showers	1	40	40
2.206	Women's Staff Toilets	1	195	195
2.207	Vending Area	1	25	25
2.208	Riot Gear	1	120	120
	<b>Subtotal</b>			<b>785</b>
<b>2.300</b>	<b>Operational Support</b>			
2.301	Time Clock/Staff Mailboxes	1	40	40
2.302	Central Control Room	1	435	435
2.303	Central Control Room Toilet	1	60	60
2.304	Security Equipment	1	80	80



ROOM NUMBER	COMPONENT	# OF UNITS	AREA PER UNIT	NET AREA
2.305	Staff Training Room	1	690	690
2.306	Training Coordinator's Office	1	120	120
2.307	Custodian	1	45	45
2.308	Control Room	1	525	525
2.309	Control Equipment	1	95	95
	<b>Subtotal</b>			<b>2,090</b>
<b>2.400</b>	<b>Vehicular Areas</b>			
2.401	Vehicle Sally Port	1	1995	Ext.
	<b>Subtotal</b>			<b>0</b>
<b>2.500</b>	<b>Arrival and Discharge Processing</b>			
2.501	Sally Port	1	70	70
2.502	Intake Lobby	1	485	485
2.503	<b>Group Holding Cell</b>	1	160	160
2.504	Group Holding Cell	1	190	190
2.505	Holding Cell	4	70	280
2.506	Inmate Toilet/Search	1	110	110
2.507	Intake Desk	1	275	275
2.508	Intake Records	1	215	215
2.509	Personal Property Storage	1	425	425
2.510	Clothing Issue	1	140	140
2.511	Attorney Visiting	4	65	260
2.512	Sally Port	1	90	90
	<b>Subtotal</b>			<b>2700</b>
<b>2.000</b>	<b>SECURITY OPERATIONS SUBTOTAL</b>			<b>6,365</b>
<b>3.000</b>	<b>PROGRAM SERVICES</b>			
<b>3.100</b>	<b>Library</b>			
3.101	Library (General Stacks and Legal Collection)	1	345	345
3.102	Reading Area	1	100	100
3.103	Computer Terminal Work Stations	2	60	120
3.104	Storage	1	40	40
	<b>Subtotal</b>			<b>605</b>
<b>3.200</b>	<b>Recreation - Hobby Craft</b>			
3.201	Hobby Craft	1	1070	1070
3.202	Storage	1	55	55
3.203	Recreation Officer	1	120	120
	<b>Subtotal</b>			<b>1245</b>
<b>3.300</b>	<b>Education / Multi-Purpose Programs</b>			
3.301	Classroom	2	900	1800
3.302	Storage	2	60	120
3.303	Chapel	1	545	545
	<b>Subtotal</b>			<b>2465</b>
<b>3.400</b>	<b>Recreation - Exercise</b>			
3.401	Indoor Exercise	1	2000	2000
3.402	Fitness Area	1	635	635
3.403	Equipment Storage	1	180	180
	<b>Subtotal</b>			<b>2815</b>
<b>3.500</b>	<b>Mental Health Services</b>			
3.501	Mental Health Office	1	130	130
3.502	Counselor's Office	1	140	140
3.503	Storage	1	60	40
3.504	Psychologist's Office	1	115	115
3.505	Group Counseling Room	1	505	505
	<b>Subtotal</b>			<b>930</b>
<b>3.600</b>	<b>Vocational Training</b>			
3.601	Vocational Training Classroom	1	800	800
3.602	Office	1	100	100



ROOM NUMBER	COMPONENT	# OF UNITS	AREA PER UNIT	NET AREA
3.603	Storage	1	60	60
	<b>Subtotal</b>			<b>960</b>
<b>3.000</b>	<b>PROGRAM SERVICES SUBTOTAL</b>			<b>9,020</b>
<b>4.000</b>	<b>INMATE SUPPORT SERVICES</b>			
<b>4.100</b>	<b>Medical and Dental Services</b>			
4.101	Inmate Waiting (1 minimum custody, 1 secure custody)	2	120	240
4.102	Nurse's Desk	1	300	300
4.103	Office	1	120	120
4.104	Conference Room/Break Room	1	160	160
4.105	Medical Records	1	80	80
4.106	Medication/Cart Preparation	1	85	85
4.107	Treatment/Exam Room	1	105	105
4.108	Exam Room	1	105	105
4.109	Inmate Toilet/Shower	1	75	75
4.110	Staff Toilet	1	70	70
4.111	Clean Utility Room	1	75	75
4.112	Soiled Utility Room	1	60	60
4.113	Custodian	1	60	60
4.114	Dental Exam	1	160	160
4.115	Dental Lab	1	120	120
4.116	Storage	2	35	70
4.117	Storage	1	65	65
4.118	Ante Room	1	120	120
4.119	Isolation Cells	2	90	180
4.120	Medical Cells	4	90	360
4.121	Suicide Watch Cells	2	90	180
4.122	4 Bed Medical Ward	2	250	500
4.123	Pantry (refrigerator, ice machine)	1	140	140
	<b>Subtotal</b>			<b>3430</b>
<b>4.200</b>	<b>Dietary Services</b>			
4.201	Inmate Dining	1	1400	1400
4.202	Tray Make-up	1	30	30
4.203	Staff Dining	1	255	255
4.204	Kitchen	1	1050	1050
4.205	Dishwashing Room	1	225	225
4.206	Chemical Storage	1	35	35
4.207	Cart/Can Wash	1	70	70
4.208	Walk-in Cooler	1	175	175
4.209	Walk-in Freezer	1	240	240
4.210	Kitchen Office	1	120	120
4.211	Knife Storage	1	60	60
4.212	Dry Storage	1	325	325
4.213	Custodian	1	45	45
4.214	Staff Toilet	1	45	45
4.215	Inmate Toilet	1	45	45
4.216	Receiving Area	1	200	200
	<b>Subtotal</b>			<b>4320</b>
<b>4.300</b>	<b>Visiting</b>			
4.301	Video Conference Room (Hearings/Parole)	1	220	220
4.302	Pat Search Room	1	60	60
4.303	Contact Visiting Room	1	830	830
4.304	Secure Visitation Booths	6	50	300
4.305	ADA Secured Visitation Booth	1	80	80
4.306	Attorney Visiting	1	65	65
4.307	Inmate Toilet	1	70	70
4.308	Visitor's Toilet	1	70	70



ROOM NUMBER	COMPONENT	# OF UNITS	AREA PER UNIT	NET AREA
4.309	Family Connections Center	1	555	555
4.310	Family Connections Office	1	180	180
	<b>Subtotal</b>			<b>2430</b>
<b>4.400</b>	<b>Central Laundry</b>			
4.401	Laundry Room	1	400	400
4.402	Chemical Storage	1	105	105
	<b>Subtotal</b>			<b>505</b>
<b>4.500</b>	<b>Canteen</b>			
4.501	Canteen	1	125	125
4.502	Canteen Storage	1	160	160
	<b>Subtotal</b>			<b>285</b>
<b>4.600</b>	<b>Maintenance/General Storage</b>			
4.601	Maintenance Storage	1	90	90
4.602	Outside Maintenance/Deliveries with Toilets	1	1400	1400
4.603	Mechanical	1	250	250
4.604	Electrical	1	230	230
	<b>Subtotal</b>			<b>1970</b>
<b>4.000</b>	<b>INMATE SUPPORT SERVICES SUBTOTAL</b>			<b>12,940</b>
<b>5.000</b>	<b>INMATE HOUSING</b>			
<b>5.100</b>	<b>"A" Tier (40 Beds)</b>			
5.101	C-3 Double Occupancy Cells	18	80	1440
5.102	C-3 Double Occupancy Cells (1 ADA on First Floor)	2	90	180
5.103	"A" Tier Showers	4	40	160
5.104	"A" Tier Day Room	1	1840	1840
5.105	Interview Room	1	80	80
5.106	Custodian	1	50	50
5.107	Sally Port	1	50	50
5.108	Storage	1	65	65
	<b>Subtotal</b>			<b>3865</b>
<b>5.200</b>	<b>"B" Tier (40 Beds)</b>			
5.201	C-3 Double Occupancy Cells	18	80	1440
5.202	C-3 Double Occupancy Cells (1 ADA on First Floor)	2	90	180
5.203	"B" Tier Showers	4	40	160
5.204	"B" Tier Day Room	1	1840	1840
5.205	Interview Room	1	80	80
5.206	Custodian	1	50	50
	<b>Subtotal</b>			<b>3750</b>
<b>5.300</b>	<b>"C" Tier (32 Beds)</b>			
5.301	C-3 Double Occupancy Cells	16	80	1280
5.302	"C" Tier Showers	4	40	160
5.303	"C" Tier Day Room	1	1910	1910
5.304	Custodian	1	50	50
5.305	Storage	1	65	65
	<b>Subtotal</b>			<b>3465</b>
<b>5.400</b>	<b>"D" Tier (8 Beds)</b>			
5.401	C-5 Single Occupancy Cells	8	80	640
5.402	"D" Tier Showers	2	40	80
5.403	"D" Tier Day Room	1	875	875
	<b>Subtotal</b>			<b>1595</b>

ROOM NUMBER	COMPONENT	# OF UNITS	AREA PER UNIT	NET AREA
<b>5.500</b>	<b>"E" Tier (16 Beds)</b>			
5.501	C-4 Double Occupancy Cells	6	80	480
5.502	C-4 Double Occupancy Cells (1 ADA on First Floor)	2	90	180
5.503	"E" Tier Showers	2	40	80
5.504	"E" Tier Day Room	1	1005	1005
5.505	Custodian	1	50	50
5.506	Storage	1	65	65
	<b>Subtotal</b>			<b>1860</b>
<b>5.600</b>	<b>"F" Tier (64 Beds)</b>			
5.601	C-3 Double Occupancy Cells	32	80	2560
5.602	"F" Tier Showers	8	40	320
5.603	"F" Tier Day Room	1	3100	3100
5.604	Custodian	1	65	65
5.605	Storage	1	65	65
5.606	Control Room	1	405	405
5.607	Control Equipment Room	1	80	80
5.608	Sally Port	1	110	110
5.606	Outdoor Exercise	2	850	Ext.
	<b>Subtotal</b>			<b>6,705</b>
<b>5.000</b>	<b>INMATE HOUSING SUBTOTAL</b>			<b>21,240</b>
<b>6.000</b>	<b>PRISON INDUSTRIES</b>			
<b>6.100</b>	<b>Prison Industries</b>			
6.101	Industries Program Rooms	3	800	2400
6.102	Industries Office	3	120	360
6.103	Storage	3	140	420
	<b>Subtotal</b>			<b>3180</b>
<b>6.000</b>	<b>PRISON INDUSTRIES SUBTOTAL</b>			<b>3,180</b>
<b>7.000</b>	<b>MISCELLANEOUS</b>			
<b>7.100</b>	<b>Misc. Spaces</b>			
7.101	Mechanical Mezzanine Total Square Footage	1	3732	3732
7.102	Outdoor Exercise (at 50% of their Total Square Footage)	1	3000	3000
7.103	Canopies (at 50% of their Total Square Footage)	1	998	998
	<b>Subtotal</b>			<b>7730</b>
<b>7.000</b>	<b>MECHANICAL MEZZANINES SUBTOTAL</b>			<b>7,730</b>
	<b>NET BUILDING SQUARE FOOTAGE</b>			<b>63,635</b>
<b>8.000</b>	<b>GROSSING FACTOR - 30.72%</b>			<b>19,549</b>
<b>GRAND TOTAL - PROPOSED NEW N.H. STATE PRISON FOR WOMEN</b>				<b>83,184</b>



**THE STATE OF NEW HAMPSHIRE****7/10/2008****DEPARTMENT OF ADMINISTRATIVE SERVICES****BUREAU OF PUBLIC WORKS DESIGN & CONSTRUCTION****DEPARTMENT OF CORRECTIONS - COMPREHENSIVE MASTER PLAN****SUMMARY OF OPTIONS - FUNCTION & AREA SUMMARY**

ROOM NUMBER	COMPONENT	# OF UNITS	AREA PER UNIT	NET AREA
----------------	-----------	---------------	------------------	----------

**COMPONENT "A" C-1 & C-2 HOUSING - F.Y. 2010-2011****PROPOSED NEW C-1/C-2 FACILITY FOR WOMEN**

<b>1.000</b>	<b>FACILITY ADMINISTRATION</b>			
<b>1.100</b>	<b>Public Areas</b>			
1.101	Vestibule	1	140	140
1.102	Visitor's Lockers	1	20	20
1.103	Public Lobby	1	370	370
1.104	Public Toilets	2	60	120
1.105	Custodian	1	45	45
	<b>Subtotal</b>			<b>695</b>
<b>1.200</b>	<b>Administration Offices</b>			
1.201	Reception/Administration Support	1	345	345
1.202	Unit Manager's Office	1	150	150
1.203	Office	1	150	150
1.204	Inmate Records	1	90	90
1.205	Staff Toilet	1	45	45
1.206	Break Area	1	50	50
	<b>Subtotal</b>			<b>830</b>
<b>1.000</b>	<b>FACILITY ADMINISTRATION SUBTOTAL</b>			<b>1,525</b>
<b>2.000</b>	<b>SECURITY OPERATIONS</b>			
<b>2.100</b>	<b>Staff Services</b>			
2.101	Men's Staff Toilet/Locker room	1	190	190
2.102	Women's Staff Toilet/Locker Room	1	200	200
	<b>Subtotal</b>			<b>390</b>
<b>2.200</b>	<b>Operational Support</b>			
2.201	Unit Control Desk	1	120	120
	<b>Subtotal</b>			<b>120</b>
<b>2.000</b>	<b>SECURITY OPERATIONS SUBTOTAL</b>			<b>510</b>
<b>3.000</b>	<b>PROGRAM SERVICES</b>			
<b>3.100</b>	<b>Education / Multi-Purpose Programs</b>			
3.101	Classroom	2	900	1800
3.102	Storage	2	60	120
3.103	Multi-Purpose Room	1	550	550
	<b>Subtotal</b>			<b>2470</b>
<b>3.200</b>	<b>Recreation/Exercise</b>			
3.201	Fitness Room	1	720	720
3.202	Equipment Storage	1	80	80
	<b>Subtotal</b>			<b>800</b>
<b>3.300</b>	<b>Mental Health Services</b>			
3.301	Mental Health Office	1	135	135
3.302	Counselor's Office	2	120	240
	<b>Subtotal</b>			<b>375</b>
<b>3.000</b>	<b>PROGRAM SERVICES SUBTOTAL</b>			<b>3,645</b>
<b>4.000</b>	<b>INMATE SUPPORT SERVICES</b>			
<b>4.100</b>	<b>Medical Services</b>			
4.101	Triage Room	1	135	135
	<b>Subtotal</b>			<b>135</b>



ROOM NUMBER	COMPONENT	# OF UNITS	AREA PER UNIT	NET AREA
<b>4.200</b>	<b>Dietary Services</b>			
4.201	Kitchen	1	660	660
4.202	Dishwashing	1	120	120
4.203	Chemical Storage	1	40	40
4.204	Walk-in Cooler	1	100	100
4.205	Walk-in Freezer	1	115	115
4.206	Dry Storage	1	275	275
4.207	Dining Room	1	600	600
4.209	Tray Make-up	1	30	30
4.210	Cart/Can Wash	1	40	40
4.211	Custodian	1	40	40
4.212	Inmate Toilet	1	40	40
4.213	Visitor Toilet	1	50	50
4.214	Kitchen Office	1	75	75
4.215	Knife Storage	1	35	35
4.216	Kids Play Area	1	135	135
	<b>Subtotal</b>			<b>2355</b>
<b>4.300</b>	<b>Building Services/General Storage</b>			
4.301	Mechanical	1	240	240
4.302	Electrical	1	240	240
4.303	Receiving	1	310	310
	<b>Subtotal</b>			<b>790</b>
<b>4.000</b>	<b>INMATE SUPPORT SERVICES SUBTOTAL</b>			<b>3,280</b>
<b>5.000</b>	<b>INMATE HOUSING</b>			
<b>5.100</b>	<b>Unit "A"</b>			
5.101	C-1 8-Person Dormitory	4	400	1600
5.102	Toilet/Shower Room (4 toilets, 2 showers, 3 lavatories)	2	220	440
5.103	Day Room	1	1360	1360
5.104	Laundry (2 washers, 2 dryers)	1	75	75
5.105	Custodian	2	15	30
	<b>Subtotal</b>			<b>3505</b>
<b>5.200</b>	<b>Unit "B"</b>			
5.201	C-1 8-Person Dormitory	4	400	1600
5.202	Toilet/Shower Room (4 toilets, 2 showers, 3 lavatories)	2	220	440
5.203	Day Room	1	1360	1360
5.204	Laundry (2 washers, 2 dryers)	1	75	75
5.205	Custodian	2	15	30
	<b>Subtotal</b>			<b>3505</b>
<b>5.300</b>	<b>Unit "C"</b>			
5.301	C-1 8-Person Dormitory	4	400	1600
5.302	Toilet/Shower Room (4 toilets, 2 showers, 3 lavatories)	2	220	440
5.303	Day Room	1	1360	1360
5.304	Laundry (2 washers, 2 dryers)	1	75	75
5.305	Custodian	2	15	30
	<b>Subtotal</b>			<b>3505</b>
<b>5.400</b>	<b>Unit "D"</b>			
5.401	C-1 8-Person Dormitory	4	400	1600
5.402	Toilet/Shower Room (4 toilets, 2 showers, 3 lavatories)	2	220	440
5.403	Day Room	1	1360	1360
5.404	Laundry (2 washers, 2 dryers)	1	75	75
5.405	Custodian	2	15	30
	<b>Subtotal</b>			<b>3505</b>
<b>5.000</b>	<b>INMATE HOUSING SUBTOTAL</b>			<b>14,020</b>



ROOM NUMBER	COMPONENT	# OF UNITS	AREA PER UNIT	NET AREA
6.000	MECHANICAL MEZZANINES			
6.100	Mechanical Mezzanines			
6.101	Mechanical Mezzanine Total Square Footage	1	2454	2454
	Subtotal			2454
6.000	MECHANICAL MEZZANINES SUBTOTAL			2,454
	NET BUILDING SQUARE FOOTAGE			25,434
7.000	GROSSING FACTOR - 28%			7,121
	GRAND TOTAL - PROPOSED NEW C-1/C-2 FACILITY FOR WOMEN			32,555





# THE STATE OF NEW HAMPSHIRE

7/10/2008

DEPARTMENT OF ADMINISTRATIVE SERVICES

BUREAU OF PUBLIC WORKS DESIGN & CONSTRUCTION

DEPARTMENT OF CORRECTIONS - COMPREHENSIVE MASTER PLAN

## STAFFING ANALYSIS

This Staffing Analysis is based upon the following assumptions:

Each shift is 40 hours per week or 2080 hours per year

Vacations, Holidays and Sick Leave result in 57.75 days or 706 hours of lost productivity per year. Therefore each Employee can provide 1618 hours per year of time on a post.

The total number of employees required to staff a single 7 day - 3 shift relief position is  
 $8736/1618 = 5.4$

The total number of employees required to staff a single 7 day - 1 shift relief position is  
 $2912/1618 = 1.8$

The total number of employees required to staff a single 5 day - 1 shift non-relief position is  
 $2080/1618 = 1.3$

The total number of employees required to staff a single 5 day - 1 shift non-relief position is  
 1

## STAFF REQUIRED TO OPERATE EACH COMPONENT AT THE DESIGN CAPACITY OF EACH COMPONENT IS AS FOLLOWS:

EXISTING NEW HAMPSHIRE STATE PRISON FOR WOMEN & SHEA FARM						119 BEDS	
POSITION	1ST SHIFT	2ND SHIFT	3RD SHIFT	RELIEF FACTOR	TOTAL	SALARY PER STAFF	TOTAL SALARY
	# DAYS	# DAYS	# DAYS				
<b>ADMINISTRATIVE PERSONNEL</b>							
WARDEN	1 5			1.0	1	\$ 80,000	\$ 80,000
WOMEN'S PROGRAM ADMINISTRATOR	1 5			1.0	1	\$ 61,000	\$ 61,000
CHIEF OF SECURITY	1 5			1.0	1	\$ 49,846	\$ 49,846
TRAINING COORDINATOR	1 5			1.0	1	\$ 45,000	\$ 45,000
ADMINISTRATIVE SECRETARY	1 5			1.0	1	\$ 32,992	\$ 32,992
CLASSIFICATION SUPERVISOR	1 5			1.0	1	\$ 45,000	\$ 45,000
SECRETARY II	1 5			1.0	1	\$ 24,041	\$ 24,041
SHEA FARM UNIT MANAGER	1 5			1.0	1	\$ 53,569	\$ 53,569
ACCOUNT CLERK III - SHEA FARM	1 5			1.0	1	\$ 30,652	\$ 30,652
<b>SUBTOTAL</b>					<b>9.00</b>		
<b>SECURITY PERSONNEL</b>							
CORRECTIONAL SERGEANT	1 5	1 5	1 5	1.0	3	\$ 45,035	\$ 135,105
CORRECTIONAL CORPORAL	2 5	2 5	2 5	1.0	6	\$ 38,412	\$ 230,472
CORRECTIONAL OFFICER	3 7	3 7	2 7	1.8	14.4	\$ 35,558	\$ 512,035
PROPERTY & RECREATION OFFICER	1 5			1.0	1	\$ 35,558	\$ 35,558
CORRECTIONAL SERGEANT - SHEA FARM	1 5			1.0	1	\$ 45,035	\$ 45,035
CORRECTIONAL CORPORAL - SHEA FARM	1 5	1 5		1.0	2	\$ 38,412	\$ 76,824
CORRECTIONAL OFFICER - SHEA FARM	2 7	2 7	2 7	1.8	10.8	\$ 35,558	\$ 384,026
<b>SUBTOTAL</b>					<b>38.20</b>		
<b>MAINTENANCE PERSONNEL</b>							
MAINTENANCE TECHNICIAN	1 5			1.0	1	\$ 45,883	\$ 45,883
<b>SUBTOTAL</b>					<b>1.00</b>		
<b>MEDICAL PERSONNEL</b>							
NURSE COORDINATOR	1 5			1.0	1	IN PER DIEM	\$ -
NURSE	2 5	1 5	1 5	1.0	4	IN PER DIEM	\$ -
PHYSICIANS ASSISTANT	1 5			1.0	1	IN PER DIEM	\$ -
PHYSICIAN - ON CALL				0.0	0		\$ -
<b>SUBTOTAL</b>					<b>6.00</b>		
<b>PROGRAM PERSONNEL</b>							
INDUSTRIES SUPERVISOR	1 5			1.0	1	\$ 45,000	\$ 45,000
CAREER & TECH. INSTRUCTOR	1 5			1.0	1	\$ 42,814	\$ 42,814
TEACHER I	1 5			1.0	1	\$ 40,442	\$ 40,442
M H PROGRAM COORDINATOR	1 5			1.0	1	\$ 57,000	\$ 57,000
CC / CM SHEA FARM	2 5			1.0	2	\$ 42,500	\$ 85,000
<b>SUBTOTAL</b>					<b>6.00</b>		
<b>FOOD SERVICE PERSONNEL</b>							
CHEF SUPERVISOR I	1 5			1.0	1	\$ 49,452	\$ 49,452
CHEF II		1 5		1.0	1	\$ 36,692	\$ 36,692
<b>SUBTOTAL</b>					<b>2.00</b>		
<b>TRANSPORT PERSONNEL</b>							
TRANSPORT OFFICER	2 5				2	\$ 35,558	\$ 71,116
<b>SUBTOTAL</b>					<b>2.00</b>		
<b>TOTAL STAFF REQUIRED</b>					<b>64.20</b>		<b>\$ 2,314,555</b>
						STAFFING PER DIEM	
						\$ 53.29	

COMPONENT A - NEW WOMEN'S PRISON							328 BEDS			
POSITION	1ST SHIFT		2ND SHIFT		3RD SHIFT		SHIFT FAC.	TOTAL	SALARY PER STAFF	TOTAL SALARY
	#	DAYS	#	DAYS	#	DAYS				
ADMINISTRATIVE PERSONNEL										
WARDEN	1	5					1.0	1	\$ 80,000	\$ 80,000
WOMEN'S PROGRAM ADMINISTRATOR	1	5					1.0	1	\$ 61,000	\$ 61,000
CHIEF OF SECURITY	1	5					1.0	1	\$ 49,846	\$ 49,846
TRAINING COORDINATOR	1	5					1.0	1	\$ 45,000	\$ 45,000
ADMINISTRATIVE SECRETARY	1	5					1.0	1	\$ 32,992	\$ 32,992
CLASSIFICATION SUPERVISOR	1	5					1.0	1	\$ 45,000	\$ 45,000
SECRETARY II	1	5					1.0	1	\$ 24,041	\$ 24,041
C-1 / C-2 UNIT MANAGER	1	5					1.0	1	\$ 53,569	\$ 53,569
ACCOUNT CLERK III - SHEA FARM	1	5					1.0	1	\$ 30,652	\$ 30,652
SUBTOTAL								9.00		
SECURITY PERSONNEL										
CORRECTIONAL SERGEANT	1	7	1	7	1	7	1.8	5.4	\$ 45,035	\$ 243,189
CORRECTIONAL CORPORAL	1	7	1	7	1	7	1.8	5.4	\$ 38,412	\$ 207,425
CORRECTIONAL OFFICER	7	7	7	7	7	7	1.8	37.8	\$ 35,558	\$ 1,344,092
PROPERTY & RECREATION OFFICER	1	5					1.0	1	\$ 35,558	\$ 35,558
SUBTOTAL								49.60		
MAINTENANCE PERSONNEL										
MAINTENANCE TECHNICIAN	1	5					1.0	1	\$ 45,883	\$ 45,883
SUBTOTAL								1.00		
MEDICAL PERSONNEL										
NURSE COORDINATOR	1	5					1.0	1	IN PER DIEM	\$ -
NURSE	2	5	1	5	1	5	1.0	4	IN PER DIEM	\$ -
PHYSICIANS ASSISTANT	1	5					1.0	1	IN PER DIEM	\$ -
PHYSICIAN - ON CALL							0.0	0		\$ -
SUBTOTAL								6.00		
PROGRAM PERSONNEL										
INDUSTRIES SUPERVISOR	1	5					1.0	1	\$ 45,000	\$ 45,000
CAREER & TECH. INSTRUCTOR	1	5					1.0	1	\$ 42,814	\$ 42,814
TEACHER I	1	5					1.0	1	\$ 40,442	\$ 40,442
M H PROGRAM COORDINATOR	1	5					1.0	1	\$ 57,000	\$ 57,000
CC / CM	3	5					1.0	3	\$ 42,500	\$ 127,500
SUBTOTAL								6.00		
FOOD SERVICE PERSONNEL										
CHEF SUPERVISOR I	1	5					1.0	1	\$ 49,452	\$ 49,452
CHEF II			1	5			1.0	1	\$ 36,692	\$ 36,692
SUBTOTAL								2.00		
TRANSPORT PERSONNEL										
TRANSPORT OFFICER	2	5						2	\$ 35,558	\$ 71,116
SUBTOTAL								2.00		
TOTAL STAFF REQUIRED								75.60		2,768,263
STAFFING PER DIEM									\$	23.12